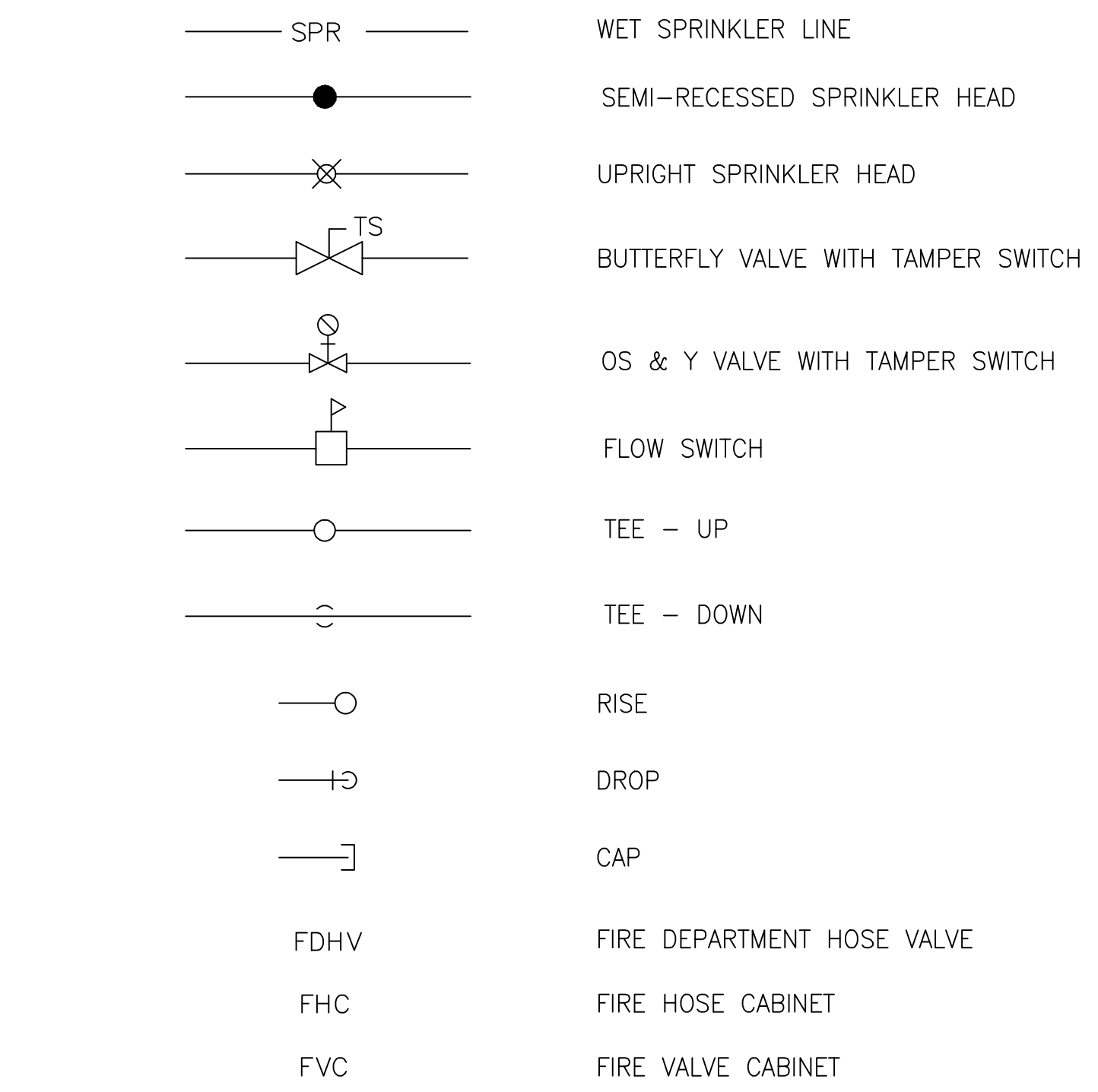


1. ALL AREAS OF THE NEW WORK SHALL BE SPRINKLERED.
2. ALL FIRE PROTECTION WORK SHALL MEET THE REQUIREMENTS OF THE CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)
3. THE SPRINKLER SYSTEM FOR THIS NEW WORK SHALL BE HYDRAULICALLY CALCULATED SYSTEMS: AUTOMATIC SPRINKLERS THROUGHOUT ENTIRE AREA SHALL BE INSTALLED AS PER NFPA 13, LIGHT HAZARD, HYDRAULICALLY CALCULATED SYSTEMS TO PROVIDE A DENSITY OF 0.10 GPM PER SQUARE FOOT FOR ANY, INCLUDING THE HYDRAULICALLY MOST REMOTE 1,500 SQUARE FOOT AREA. THE HEAD COVERAGE SHALL NOT BE GREATER THAN 200 SQUARE FEET PER HEAD.
4. STANDARD SYSTEMS SHALL BE PROVIDED ON THE BASIS OF 130 SQUARE FEET PER HEAD FOR ALL AREAS OF NEW WORK, EXCEPT FOR THOSE AREAS NOTED TO HAVE OTHER COVERAGES.
5. COORDINATE ALL FIRE PROTECTION WORK WITH ARCHITECTURAL REFLECTED CEILING PLANS, HVAC DUCTWORK, DIFFUSER LOCATIONS, AND ELECTRICAL LIGHTING LOCATIONS.
6. ALL FIRE DEPARTMENT VALVES, FIRE DEPARTMENT INLET CONNECTIONS, ETC. SHALL BE PROVIDED WITH LOCAL CITY FIRE DEPARTMENT APPROVED THREADS.
7. ALL SPRINKLER PIPING SHALL BE MAINTAINED A MINIMUM OF 16" ABOVE FINISHED CEILINGS, WHERE POSSIBLE.
8. SPRINKLER HEADS SHALL HAVE A 1/2" NOMINAL ORIFICE AND A TEMPERATURE RATING OF 165°F. SPRINKLER HEADS LOCATED NEAR HEAT PRODUCING EQUIPMENT OR IN AREAS SUBJECT TO HIGH TEMPERATURES THE SPRINKLER HEADS SHALL HAVE A TEMPERATURE RATING OF 212°F.
9. SPRINKLER HEADS LOCATED IN NO CEILING AREAS SHALL BE ROUGH BRASS, STANDARD UPRIGHT OR PENDENT HEADS, AS REQUIRED BY THE CONSTRUCTION. SPRINKLER HEADS LOCATED IN ACoustICAL TILE CEILING AREAS OR IN DRYWALL OR PLASTER CEILING AREAS SHALL BE:
 - a. PUBLIC AREAS - CONCEALED PENDENT TYPE WITH WHITE FINISH COVER PLATE AND MATCHING ESCUTCHEON.
 - b. ALL OTHER AREAS - SEMI RECESSED PENDENT TYPE WITH CHROME AND MATCHING ESCUTCHEON.
 - c. SPRINKLER HEADS LOCATED IN LIGHT HAZARD SYSTEM AREAS SHALL BE QUICK RESPONSE TYPE HEADS AS REQUIRED BY NFPA.
10. THE CONTRACTOR SHALL TEST THE ENTIRE SYSTEM IN ACCORDANCE WITH NFPA REGULATIONS, AWWA REGULATIONS AND STATE AND LOCAL CODE REGULATIONS. CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR A FINAL INSPECTION AND APPROVAL BY THE CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR). APPOINTMENTS MUST BE MADE IN ADVANCE FOR THESE INSPECTIONS. TEST REPORTS SHALL BE FURNISHED TO THE OWNER.
11. THE CONTRACTOR SHALL OBTAIN CURRENT WATER FLOW AND PSI DATA FROM THE VA TO PRODUCE HYDRAULIC CALCULATIONS.
12. THE CONTRACTOR SHALL COMPLETE ALL NECESSARY CALCULATIONS REQUIRED TO MEET SPRINKLER COVERAGE ON ALL FLOORS.

1. ALL NEW SPRINKLER HEAD LOCATIONS TO BE PLACED PER THE ARCHITECTURAL REFLECTED CEILING DRAWING.
2. SPRINKLER HEADS SHALL BE LOCATED IN THE CENTER OF THE CEILING TILE.
3. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO THE FABRICATION OR INSTALLATION OF ANY PIPING.
4. THE DRAWINGS ARE DIAGRAMMATIC. THE CONTRACTOR MUST FIELD VERIFY ACTUAL CONDITIONS AT THE SITE PRIOR TO PROCEEDING WITH THE WORK.
5. ALL NEW PIPING SHALL BE INSTALLED IN SUCH A WAY THAT IT DOES NOT HAMPER ACCESS TO VALVES, ACCESS DOORS OR EQUIPMENT.
6. ENTIRE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 13 LATEST EDITION.

- SPRINKLER CONTRACTOR SHALL PROVIDE COMPLETE SPRINKLER COVERAGE TO ALL AREAS AS INDICATED UNDER THIS CONTRACT. CONTRACTOR SHALL LOCATE SPRINKLER HEADS AND SIZE PIPING IN ACCORDANCE WITH THE LATEST EDITION OF NFPA-13, AND AUTHORITY HAVING JURISDICTION.
2. CONTRACTOR SHALL HYDRAULICALLY DESIGN AND INSTALL THE SPRINKLER SYSTEM IN ACCORDANCE WITH THE LATEST EDITION OF NFPA-13. SPRINKLERS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA-13, AND THE AUTHORITY HAVING JURISDICTION.
3. CONTRACT DRAWINGS FOR MECHANICAL WORK ARE DIAGRAMMATIC, INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT. CONTRACTOR SHOULD VISIT SITE TO DETERMINE EXACT QUANTITIES AND SCOPE OF WORK.
4. PRIOR TO THE INSTALLATION OF THE SPRINKLER SYSTEM, THE SPRINKLER CONTRACTOR SHALL COORDINATE PIPING, VALVES, SPRINKLER HEADS, ETC. WITH ALL NEW DUCTWORK, PIPING, CABLE TRAYS, STRUCTURAL MEMBERS AND OTHER DISCIPLINES.
5. ALL PENETRATIONS IN NEW FIRE RATED WALLS, CEILINGS AND FLOORS SHALL BE SEALED TO THE FULL THICKNESS OF THE PENETRATION WITH A MATERIAL OF EQUAL FIRE RESISTANCE.
6. ALL CEILINGS, WALLS, FLOORS AND FINISHES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AND PAINTED.
7. ACTUAL LOCATION OF NEW CEILING MOUNTED LIGHTS, RETURN AND SUPPLY DUCTS, AIR GRILLES AND DIFFUSERS, SPRINKLER HEADS, PIPING AND STRUCTURAL SUPPORTS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
8. ALL SPRINKLER PIPING INSTALLED IN FINISHED AREAS SHALL BE CONCEALED.
9. SHOULD THE CONTRACTOR DISCOVER ANY DISCREPANCIES OR OMISSIONS ON THE DRAWINGS OR IN THE SPECIFICATIONS, HE SHALL NOTIFY THE ENGINEER OF SUCH CONDITIONS PRIOR TO THE BID DATE. OTHERWISE, IT WILL BE UNDERSTOOD THAT THE DRAWINGS AND SPECIFICATIONS ARE CLEAR AS TO WHAT IS INTENDED AND SHALL BE AS INTERPRETED BY THE ENGINEER.
10. ALL SPRINKLER HEADS INSTALLED BELOW 8'-0" ABOVE FINISHED FLOOR SHALL BE PROVIDED WITH A SPRINKLER HEAD GUARD.
12. CONTRACTOR SHALL MAKE MODIFICATIONS TO NEW SPRINKLER SYSTEM AS REQUIRED TO PROVIDE COVERAGE FOR THE NEW ARCHITECTURAL ARRANGEMENT (INCLUDING ALL OBSTRUCTIONS, SUCH AS SURFACE MOUNTED LIGHTING FIXTURES, ETC.) IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 13 AND LOCAL AUTHORITY HAVING JURISDICTION. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO COMMENCING WORK.

THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED CUTTING OR CORE DRILLING FOR HIS PIPING SYSTEM(S) WHERE THEY PENETRATE BUILDING WALLS, FLOORS OR CEILINGS. THESE HOLES SHALL BE A MAXIMUM OF TWO (2) PIPE DIAMETERS LARGER THAN THE PIPE PASSING THROUGH THE HOLES. IT SHALL ALSO BE THIS CONTRACTORS RESPONSIBILITY TO FURNISH AND INSTALL THE REQUIRED PIPE SLEEVES AND FIRE CAULKING AND PIPE ESCUTCHEONS REQUIRED TO PROVIDE A FINISHED PRODUCT. ALL LOCATIONS SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR PRIOR TO CUTTING.



SPRINKLER SCHEDULE (BASIS OF DESIGN)							
TAG	MANUFACTURER	MODEL	STYLE	NOMINAL K-FACTOR	TEMP. RATING	FINISH	ACCESSORIES
● 'A'	VIKING	MICROFAST MODEL MOR	RECESSED PENDENT	5.6	155°	WHITE	MODEL E-1 ESCUTCHEON
⊗ 'B'	VIKING	MICROFAST MODEL MOR	UPRIGHT	5.6	175°	CHROME	WITH GUARD

No.	ISSUED FOR BID	3/15/12
	REVISION	DATE



RSP Architects
1220 Marshall Street
Minneapolis
Minnesota 55413-1100
612.677.7100
612.677.7499 fax
www.rsparch.com

NOTICE: The designs shown and described herein including all technical drawings, graphics, and models thereof, are proprietary and cannot be copied, duplicated or commercially exploited, in whole or in part, without express written permission of RSP Architects. These are available for limited review and evaluation by clients, consultants, contractors, government agencies, vendors and office personnel only in accordance with this Notice.

© Copyright RSP Architects 2012. All rights reserved.



ARRAY

healthcare facilities solutions

CONSULTANTS:

Structural
Van Sicke, Allen & Assoc
2965 Xenium Lane N
Suite 10
Plymouth, MN 55441

25

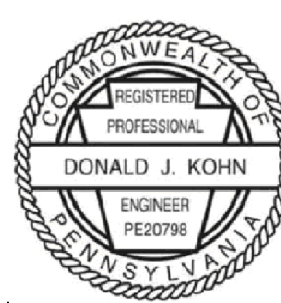
EVS
10250 Valley View Road
Suite 113
Eden Prairie, MN 55344

MEP
Dunham Associates
50 South Sixth Street
Suite 1100
Minneapolis, MN 5540

Fire Protection
Gary Trautinski Associates

**Gary Travinski Associates
Engineering
94 Boston Hill
Larksville, PA 18651-3250**

Landscape
Damon Farber Assoc.
923 Nicollet Mall
Minneapolis, MN 55402




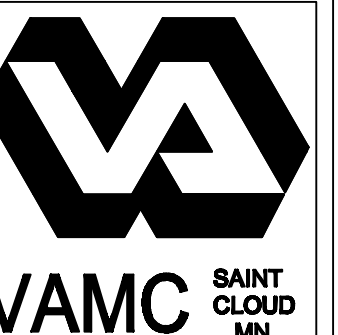
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of Minnesota.

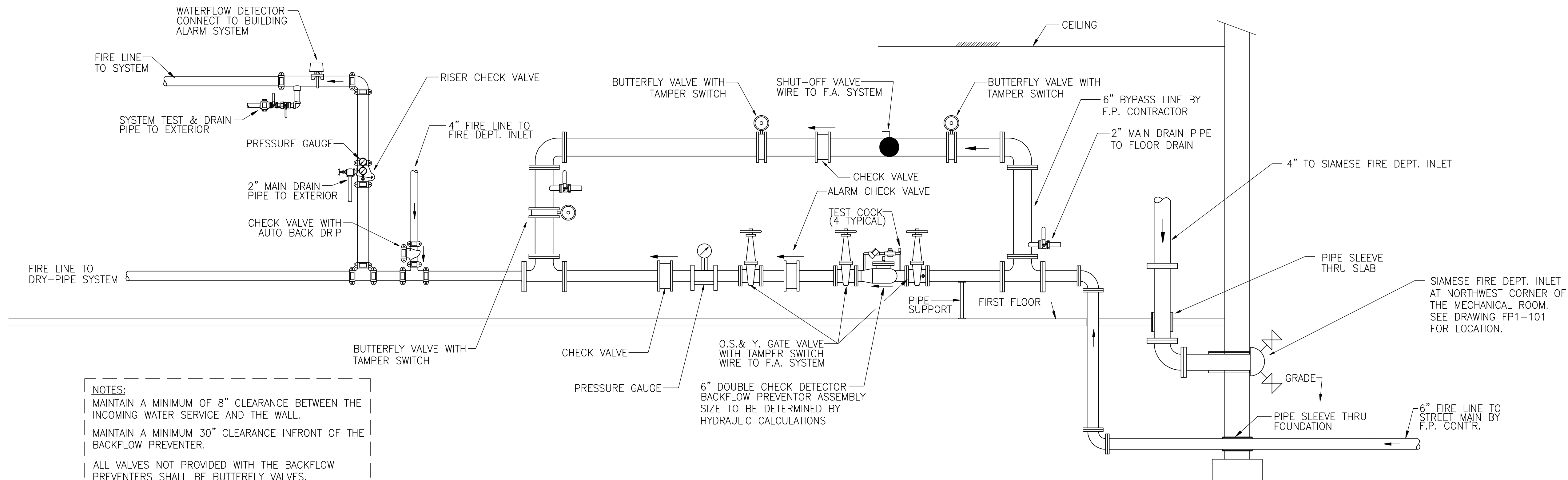
Signature:

Registration No.:

Date: 3/15/12

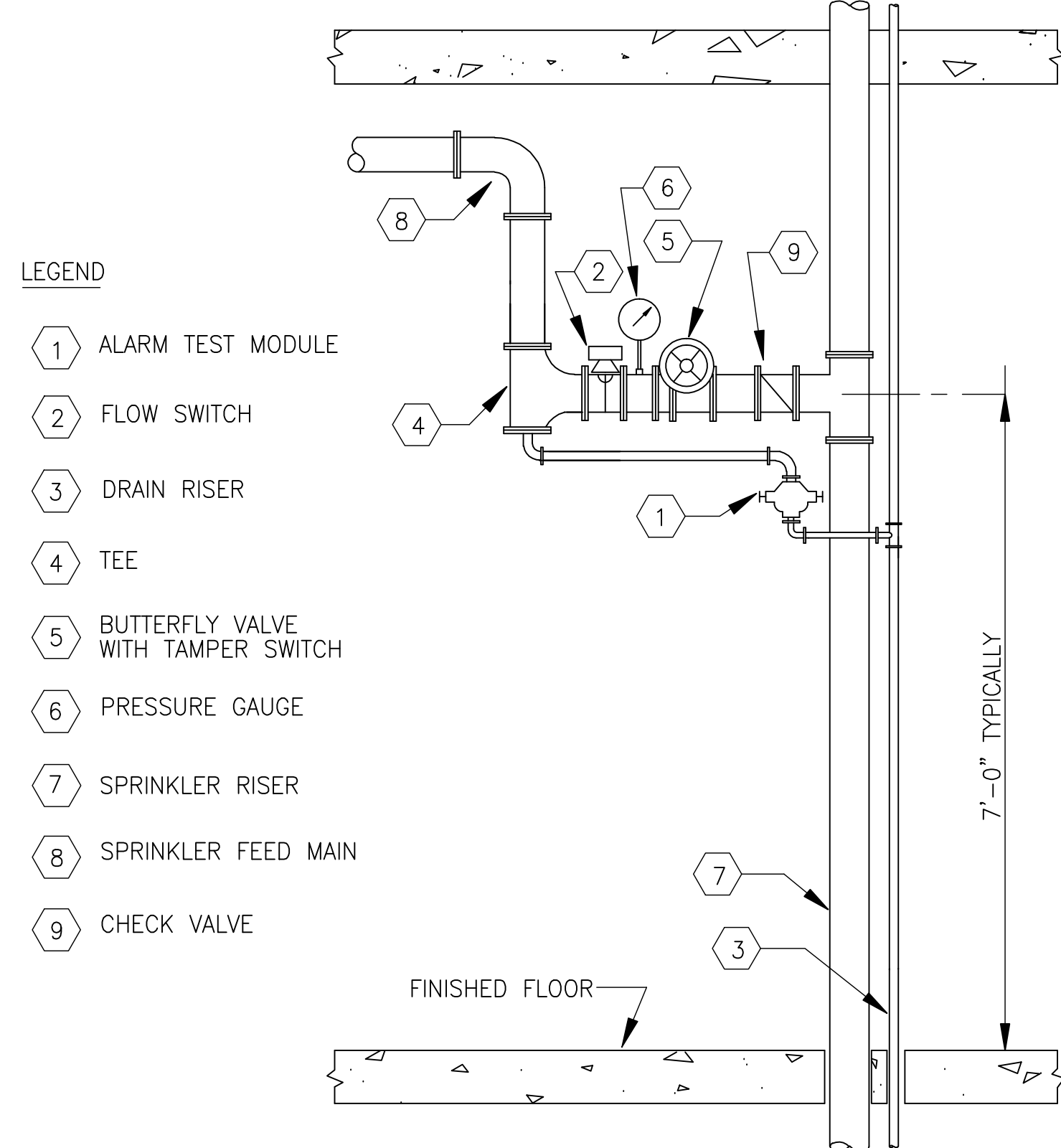
APPROVED SERVICE LINE DIRECTOR	DATE	APPROVED INSPECTION CONTROL NUMBER	DATE	DRAWING TITLE	DATE	 VAMC SAINT CLOUD	
				FIRE PROTECTION LEGENDS AND NOTES	03-15-2012		
APPROVED GEAR COORDINATOR	DATE	APPROVED PATIENT SAFETY	DATE		PERMITS REQUIRED 1/8"=1'-0"		
					PROJECT NO. 2900.J1		
APPROVED PROJECTS SECTION MANAGER	DATE	APPROVED CHIEF OF POLICE	DATE	APPROVED CHIEF OF STAFF	GAD FILE		
				DATE	BUILDING NO. 1234	CHECKED BY CME	DRAWN BOW
APPROVED DIRECTOR FMS	DATE	APPROVED ASSESSMENT MANAGER	DATE	APPROVED MEDICAL CENTER DIRECTOR	DATE	LOCATION 4001 VETERANS DRIVE, ST. CLOUD MN	DRAWING NO. FFO-000





NOTES:
 MAINTAIN A MINIMUM OF 8" CLEARANCE BETWEEN THE INCOMING WATER SERVICE AND THE WALL.
 MAINTAIN A MINIMUM 30" CLEARANCE INFRONT OF THE BACKFLOW PREVENTER.
 ALL VALVES NOT PROVIDED WITH THE BACKFLOW PREVENTERS SHALL BE BUTTERFLY VALVES.
 ALL FLOW AND TAMPER SWITCHES SHALL BE TIED INTO THE FIRE ALARM SYSTEM.

INCOMING FIRE SERVICE PIPING DETAIL 1
 NOT TO SCALE

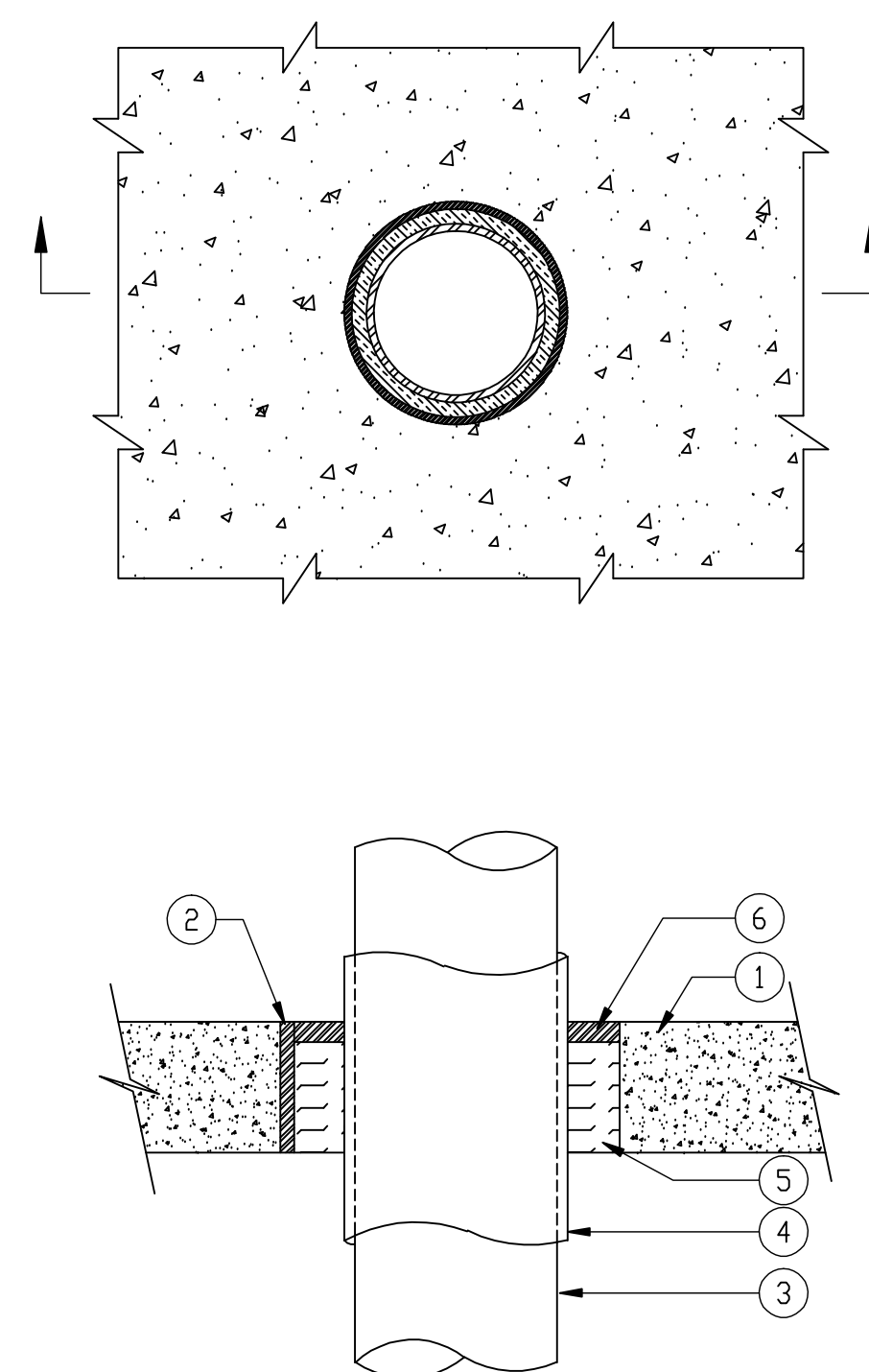


TYPICAL FLOOR CONTROL ASSEMBLY 2
 NOT TO SCALE

1. CONCRETE FLOOR OR WALL ASSEMBLY (2-HR FIRE-RATING):
 A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR OR WALL (MINIMUM 4-1/2" THICK).
 B. ANY UL/ULC CLASSIFIED CONCRETE BLOCK WALL.
2. OPTIONAL: MAXIMUM 20" NOMINAL DIAMETER STEEL PIPE SLEEVE (SCHEDULE 10 OR HEAVIER).
3. PENETRATION ITEM TO BE ONE OF THE FOLLOWING:
 A. MAXIMUM 12" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER).
 B. MAXIMUM 6" NOMINAL DIAMETER COPPER PIPE.
4. MAXIMUM 2" THICK GLASS FIBER INSULATION.
5. MINIMUM 4" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED.
6. MINIMUM 1/2" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT.

NOTES: 1. MAXIMUM DIAMETER OF OPENING = 20".
 2. ANNULAR SPACE = MINIMUM 1/2", MAXIMUM 2-1/4".
 3. MINIMUM 1/2" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT IS REQUIRED ON BOTH SIDES OF A WALL.

F RATING = 2-HR.
 T RATING = 1-HR.
 L RATING AT AMBIENT = 4 CFM/SQ.FT.
 L RATING AT 400°F = LESS THAN 1 CFM/SQ.FT.



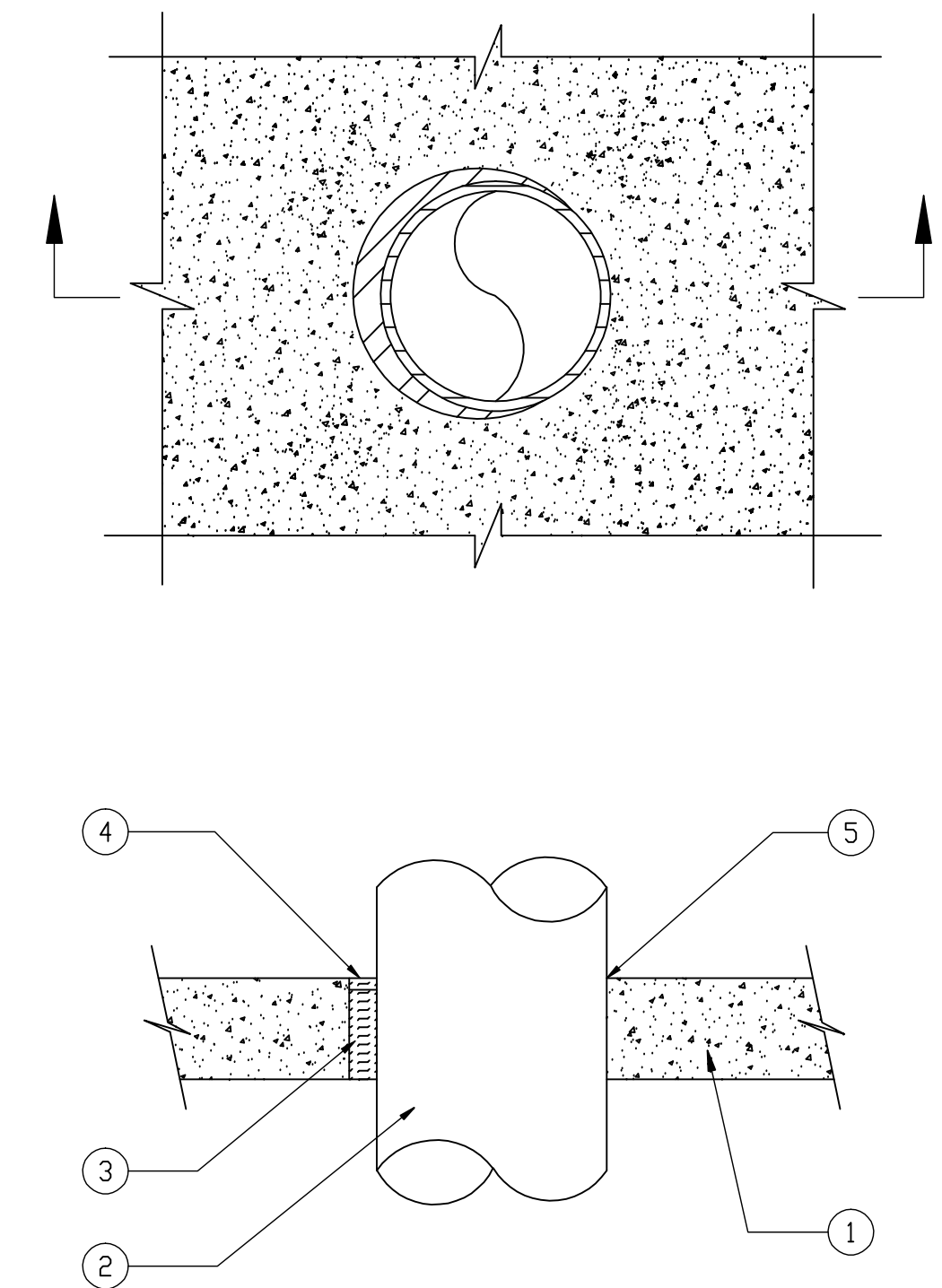
UL/cUL SYSTEM NO. CAJ15091

INSULATED METAL PIPE THRU CONCRETE FLR./WALL OR BLOCK WALL 3
 NOT TO SCALE

1. CONCRETE FLOOR OR WALL ASSEMBLY (2-HR. FIRE-RATING):
 A. ANY LIGHTWEIGHT OR NORMAL WEIGHT FLOOR OR WALL (MINIMUM 4-1/2" THICK).
 B. ANY UL/ULC CLASSIFIED CONCRETE BLOCK WALL.
2. PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
 A. MAXIMUM 10" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER).
 B. MAXIMUM 4" NOMINAL DIAMETER COPPER PIPE.
 C. MAXIMUM 4" NOMINAL DIAMETER STEEL CONDUIT.
 D. MAXIMUM 4" NOMINAL DIAMETER EMT.
3. MINIMUM 3" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED FOR NOMINAL 4" DIAMETER (AND SMALLER), AND MINIMUM 4" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED FOR PIPES GREATER THAN NOMINAL 4" DIAMETER.
4. MINIMUM 1/2" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT, CP 606 FLEXIBLE FIRESTOP SEALANT OR CP 601S ELASTOMERIC FIRESTOP SEALANT.
5. MINIMUM 1/2" CROWN HILTI FS-ONE INTUMESCENT SEALANT, CP 606 FLEXIBLE FIRESTOP SEALANT OR CP 601S ELASTOMERIC FIRESTOP SEALANT APPLIED AT POINT OF CONTACT.

NOTES:
 1. MAXIMUM DIAMETER OF OPENING = 12"
 2. ANNULAR SPACE = MINIMUM 3/8", MAXIMUM 1-1/4".
 MINIMUM 1/2" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT, CP 606 FLEXIBLE FIRESTOP SEALANT OR CP 601S ELASTOMERIC FIRESTOP SEALANT IS REQUIRED ON BOTH SIDES OF A WALL ASSEMBLY.
 3. L-RATING ONLY APPLY WHEN HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT IS USED.

F RATING = 2-HR.
 T RATING = 0-HR.
 L RATING AT AMBIENT = LESS THAN 1 CFM/SQ. FT.
 L RATING AT 400°F = 4 CFM/SQ. FT.



UL/cUL SYSTEM NO. CAJ1149

METAL PIPE THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL 4
 NOT TO SCALE

ISSUED FOR BID	3/15/12
REVISION	DATE
1	
2	
3	
4	
5	
6	
7	
8	
9	



RSP Architects
 1220 Marshall Street NE
 Minneapolis
 Minnesota 55413-1036
 612.877.7100
 612.877.7189 fax
 www.rsparch.com

NOTICE: The designs shown and described herein including all technical drawings, graphics, and models thereof, are proprietary and cannot be copied, duplicated or commercially exploited, in whole or in part, without express written permission of RSP Architects. These are available for limited review and evaluation by clients, consultants, contractors, government agencies, vendors and other personnel only in accordance with this Notice.
 © Copyright RSP Architects 2012. All rights reserved.



ARRAY
 healthcare facilities solutions

CONSULTANTS:

Structural
 Van Sickle, Allen & Assoc.
 2855 Xenium Lane N
 Suite 110
 Plymouth, MN 55441
Civil
 EVS
 10250 Valley View Road
 Suite 113
 Eden Prairie, MN 55344

MEP
 Dunham Associates
 50 South Sixth Street
 Suite 1100
 Minneapolis, MN 55402
Fire Protection
 Gary Trivinski Associates
 Engineering
 94 Boston Hill
 Lanarkville, PA 15651-3298

Landscape
 Dunham Farber Assoc.
 822 Nicollet Mall
 Minneapolis, MN 55402

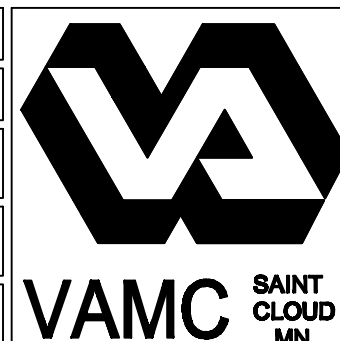


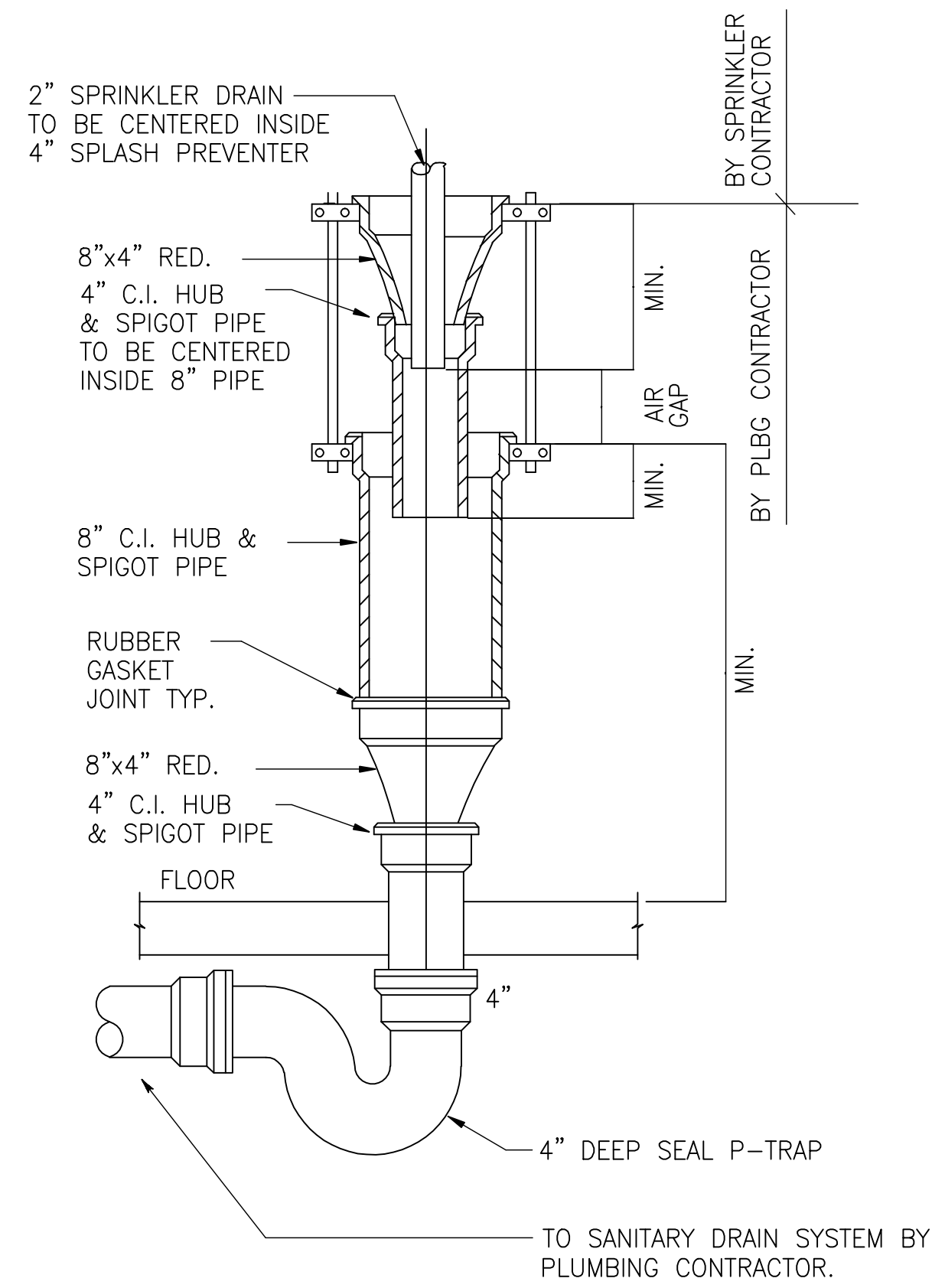
I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of Minnesota.

Signature:
 Registration No.:
 Date: 3/15/12

APPROVED SERVICE LINE DIRECTOR	DATE:	APPROVED INSPECTION CONTROL NUMBER	DATE:
APPROVED OWNER COORDINATOR	DATE:	APPROVED PATIENT SAFETY	DATE:
APPROVED PROJECTS SECTION MANAGER	DATE:	APPROVED CHIEF OF POLICE	DATE:
APPROVED DIRECTOR FMS	DATE:	APPROVED SAFETY MANAGER	DATE:

DRAWING TITLE FIRE PROTECTION DETAILS			
PROJECT TITLE LONG TERM/INTERMEDIATE PSYCHIATRIC UNIT	DATE 03-15-2012	BUILDING NO. 1234	CHECKED BY CHK
LOCATION 4001 VETERANS DRIVE, ST. CLOUD MN	DRAWN BY DRW	DRAWING NO. FP0-100	DATE 03-15-2012

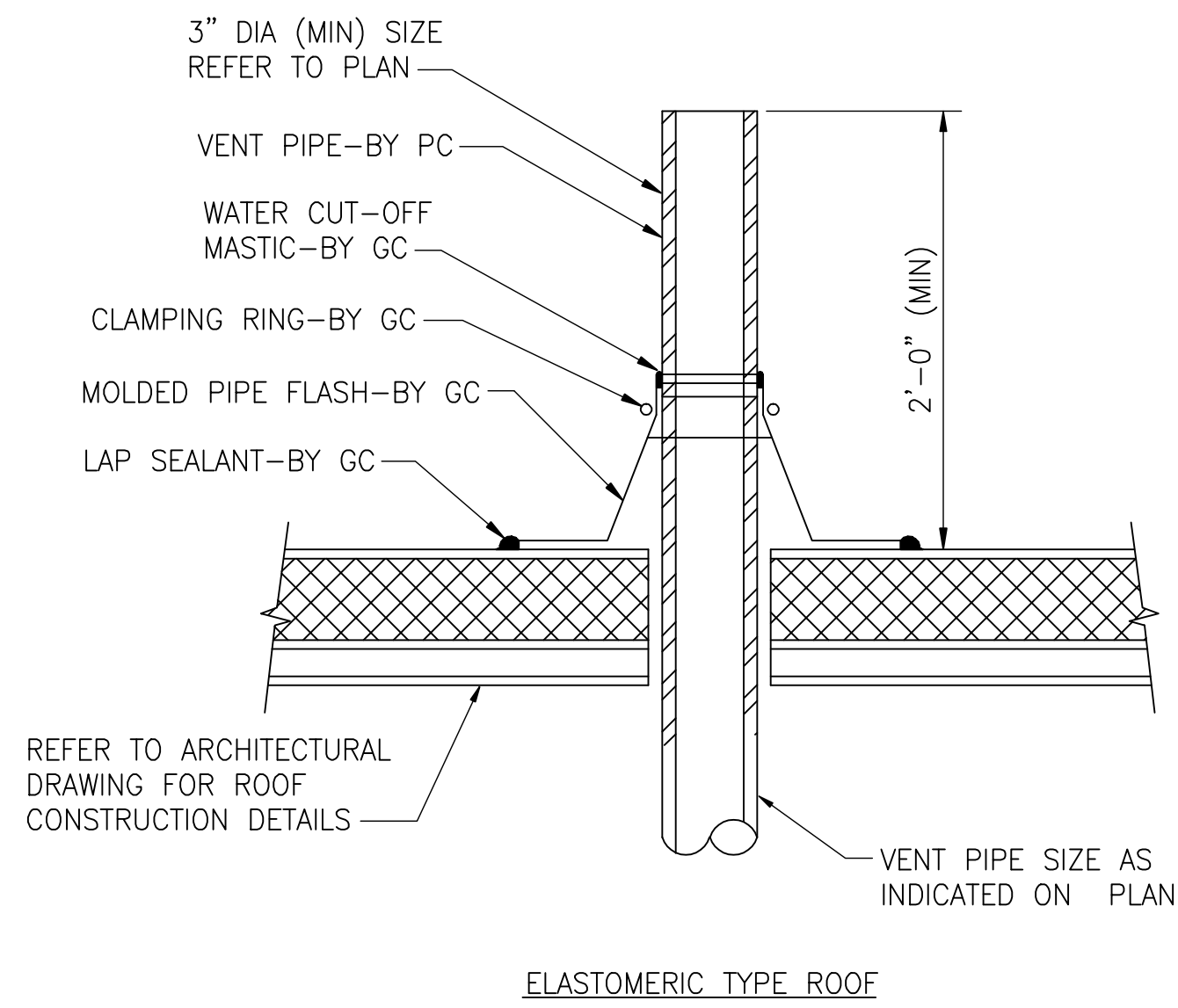




SPRINKLER SYSTEM DRAIN

NOT TO SCALE

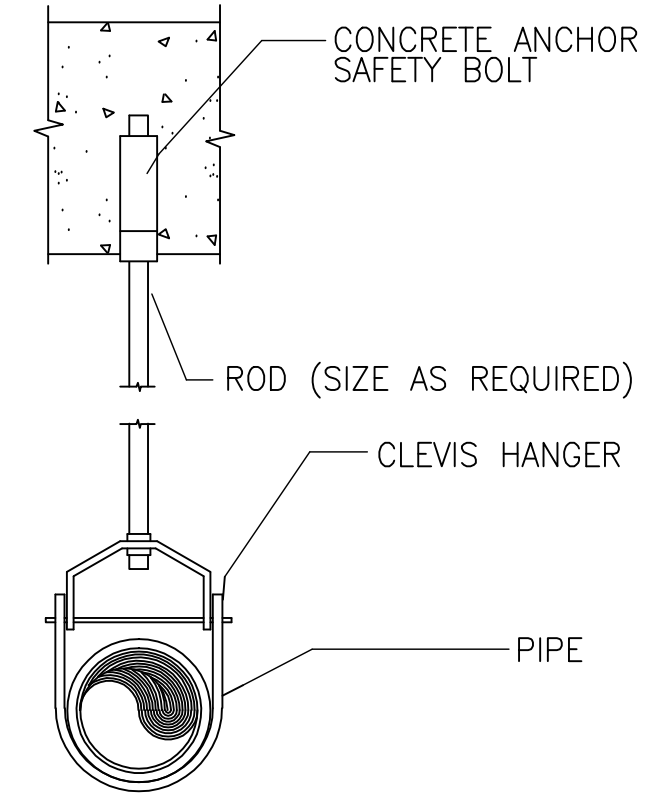
5



PLUMBING VENT DETAIL (NEW ROOF)

NOT TO SCALE

6

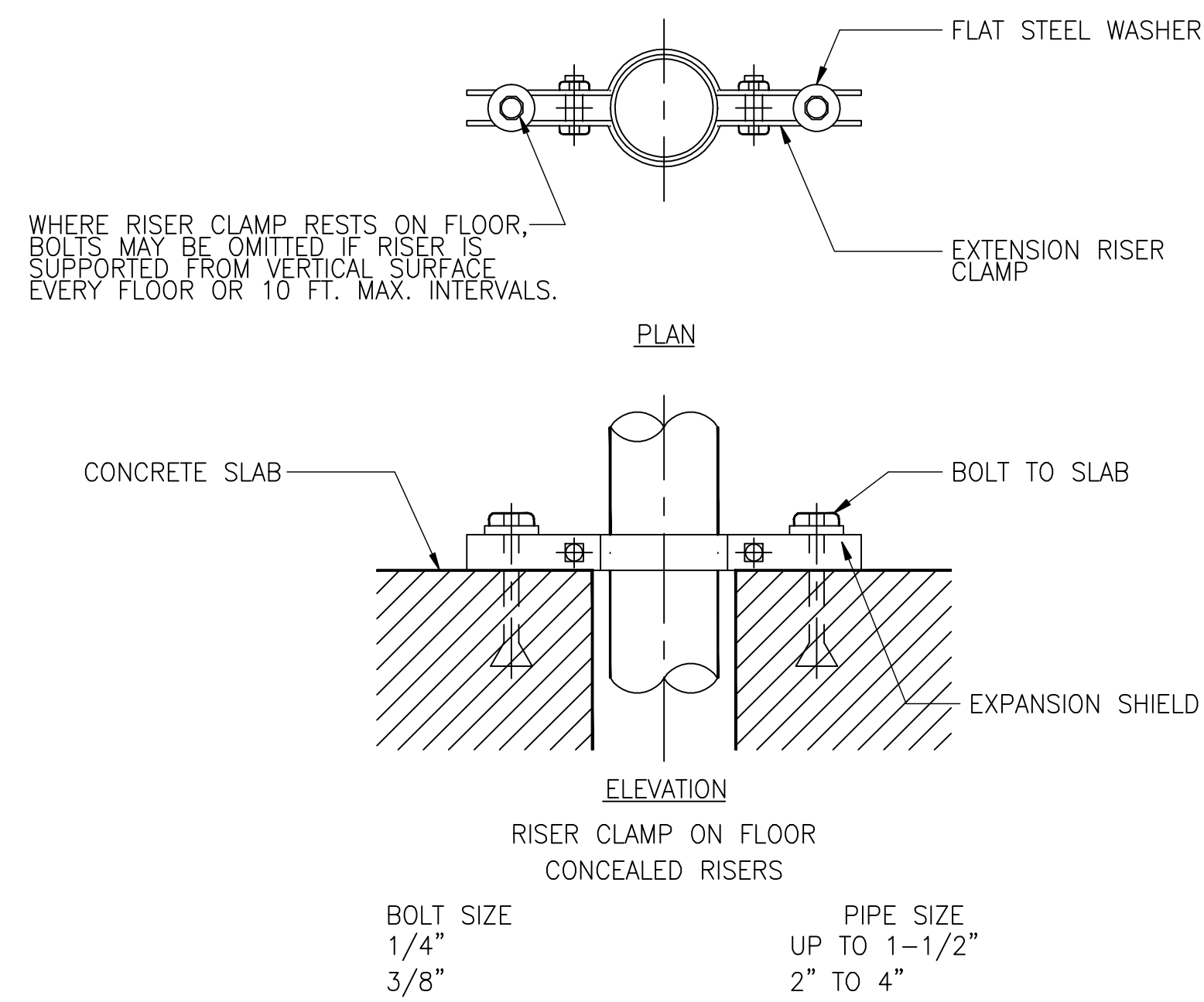


- NOTES:
1. CLEVIS HANGER REQUIRED ON PIPING LARGER THAN 1". GENERAL PURPOSE HANGERS MAY BE USED ON 1" SPRINKLER PIPING ONLY.
 2. USE FLAT TOP TYPE CLEVIS HANGERS FOR SPRINKLER CROSSMAINS INSTALLED IN THE CORRIDORS.

TYPICAL HANGER DETAILS

NOT TO SCALE

7

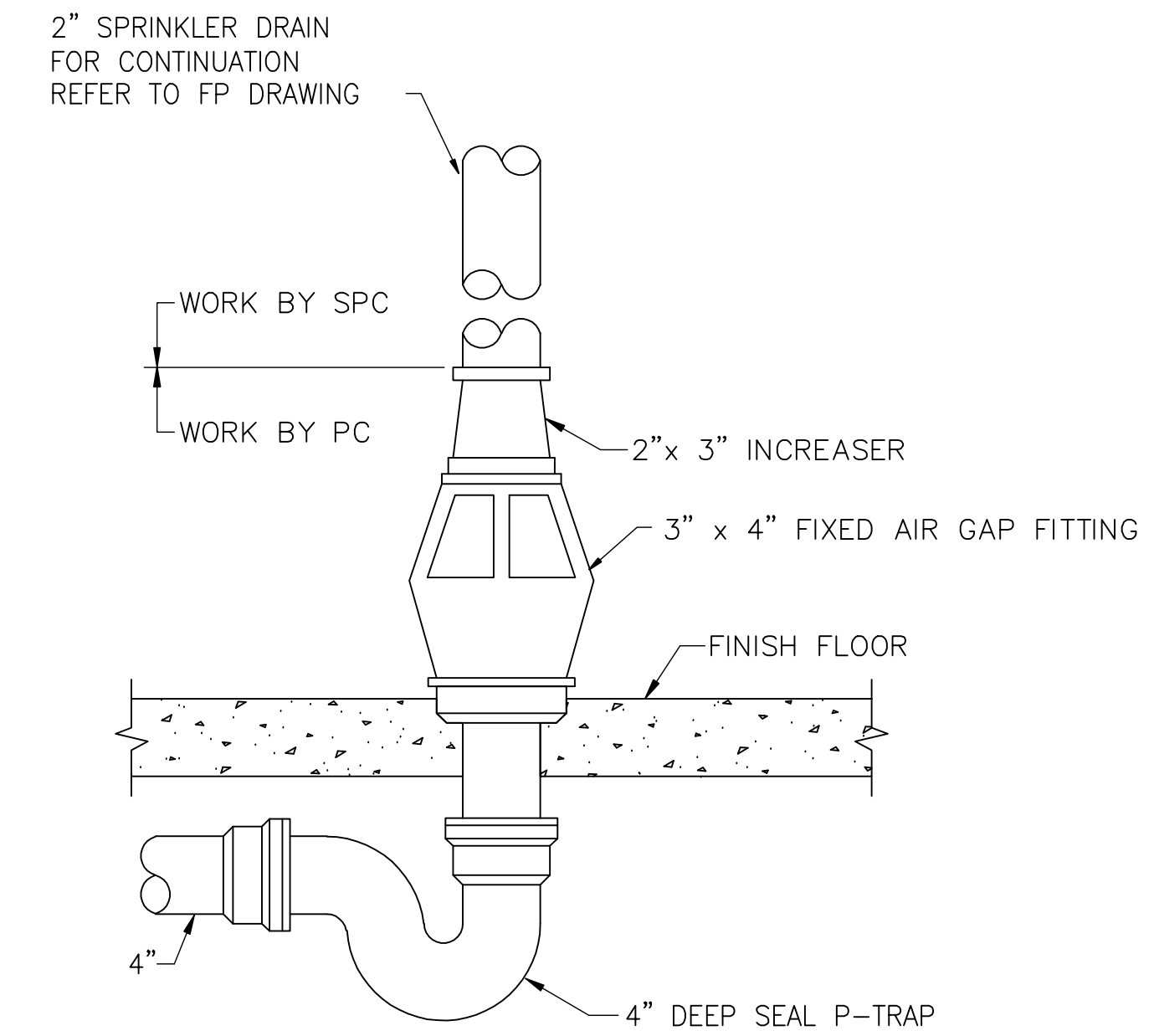


NOTE: PROVIDE FLEXIBLE CONNECTION WITHIN FOOT OF THE FLOOR.

RISER SUPPORT

NOT TO SCALE

8



SPRINKLER TEST DRAIN DISCHARGE CONNECTION DETAIL

NOT TO SCALE

9

ISSUED FOR BID	3/15/12
REVISION	DATE
No.	



RSP Architects
1220 Marshall Street NE
Minneapolis
Minnesota 55413-1036
612.877.7100
612.877.7189 fax
www.rsparch.com

NOTICE: The designs shown and described herein including all technical drawings, graphics, and models thereof, are proprietary and cannot be copied, duplicated or commercially exploited, in whole or in part, without express written permission of RSP Architects. These are available for limited review and evaluation by clients, consultants, contractors, government agencies, vendors and other personnel only in accordance with this Notice.

© Copyright RSP Architects 2012. All rights reserved.



ARRAY
healthcare facilities solutions

CONSULTANTS:

Structural
Van Sickle, Allen & Assoc.
2855 Xenium Lane N
Suite 10
Plymouth, MN 55441

Civil
EVS
10250 Valley View Road
Suite 113
Eden Prairie, MN 55344

M/E/P
Dunham Associates
50 South Sixth Street
Suite 1100
Minneapolis, MN 55402

Fire Protection
Gary Trivinski Associates
Engineering
64 Boston Hill
Larkville, PA 18951-3298

Landscape
Danner Farber Assoc.
822 Nicollet Mall
Minneapolis, MN 55402



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of Minnesota.

Signature:

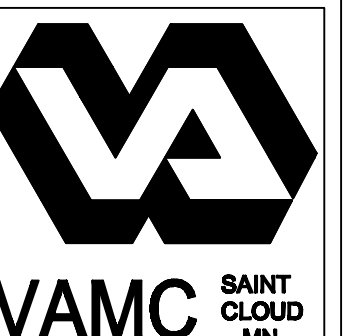
Registration No.:

Date: 3/15/12

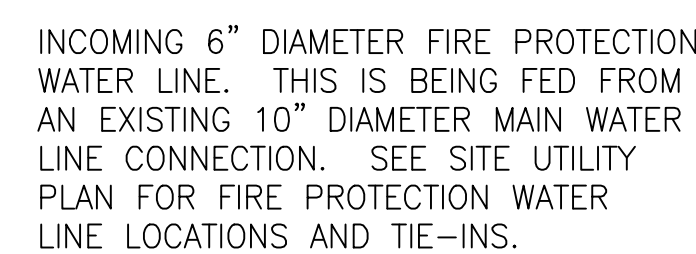
APPROVED SERVICE LINE DIRECTOR	DATE:	APPROVED INFECTION CONTROL MANAGER	DATE:
APPROVED DESIGN COORDINATOR	DATE:	APPROVED PATIENT SAFETY	DATE:
APPROVED PROJECTS SECTION MANAGER	DATE:	APPROVED CHIEF OF POLICE	DATE:
APPROVED DIRECTOR PMB	DATE:	APPROVED SAFETY MANAGER	DATE:

DRAWING TITLE FIRE PROTECTION DETAILS	DATE:
APPROVED CHIEF OF STAFF	DATE:
APPROVED MEDICAL CENTER DIRECTOR	DATE:

PROJECT TITLE LONG TERM/INTERMEDIATE PSYCHIATRIC UNIT	DATE: 03-15-2012
BUILDING NO. 1234	CHECKED BY CHK
LOCATION 4801 VETERANS DRIVE, ST. CLOUD MN	DRAWN BY DRW
	CAD FILE
	DRAWING NO. FP0-101



- ① SPRINKLER HEADS AND PIPING ARE ALL IN TENTATIVE LOCATIONS. FINAL LOCATIONS AND SIZES TO BE DETERMINED BY THE SPRINKLER CONTRACTOR.
- ② COORDINATE RACKING OF ALL PIPING THROUGHOUT THE CRAWL SPACE TO ACCOMMODATE SPRINKLER PIPING.
- ③ SPRINKLER CONTRACTOR TO DETERMINE FINAL SIZING OF ALL SPRINKLER PIPING THROUGHOUT THE CRAWL SPACE.
- ④ CONTINUATION OF ALL SPRINKLER PIPING IS SHOWN ON GROUND FLOOR DRAWING (FP-3.0)



No.	ISSUED FOR BID	3/15/10
	REVISION	DATE



RSP Architects
1220 Marshall Street NE
Minneapolis
Minnesota 55413-1036
612.677.7100
612.677.7499 fax
www.rsparch.com

NOTICE: The designs shown and described herein including all technical drawings, graphics, and models thereof, are proprietary and cannot be copied, duplicated or commercially exploited, in whole or in part, without express written permission of RSP Architects. These are available for limited review and evaluation by clients, consultants, contractors, government agencies, vendors and office personnel only in accordance with this Notice.

© Copyright RSP Architects 2012. All rights reserved.



ARRAY
healthcare facilities solutions

CONSULTANTS:

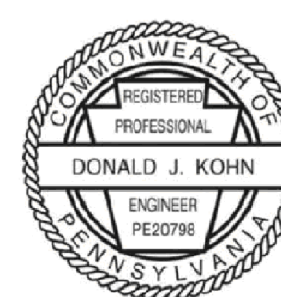
Structural
Van Sicke, Allen & Assoc.
2965 Xenium Lane N
Suite 10
Plymouth, MN 55441

**Civil
EVS**
Valley View Road
Suite 113
Prairie, MN 55344

MEP
Dunham Associates
50 South Sixth Street
Suite 1100
Minneapolis, MN 55402

Fire Protection
Gary Travinski Associates
Engineering
94 Boston Hill
Lerksville, PA 18651-3298

Landscape
Damon Farber Assoc.
923 Nicollet Mall
Minneapolis, MN 55402



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of Minnesota.

Signature _____

Registration No :

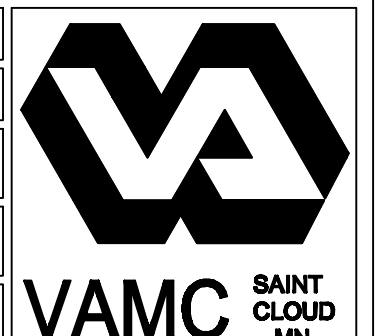
Date: 3/15/12

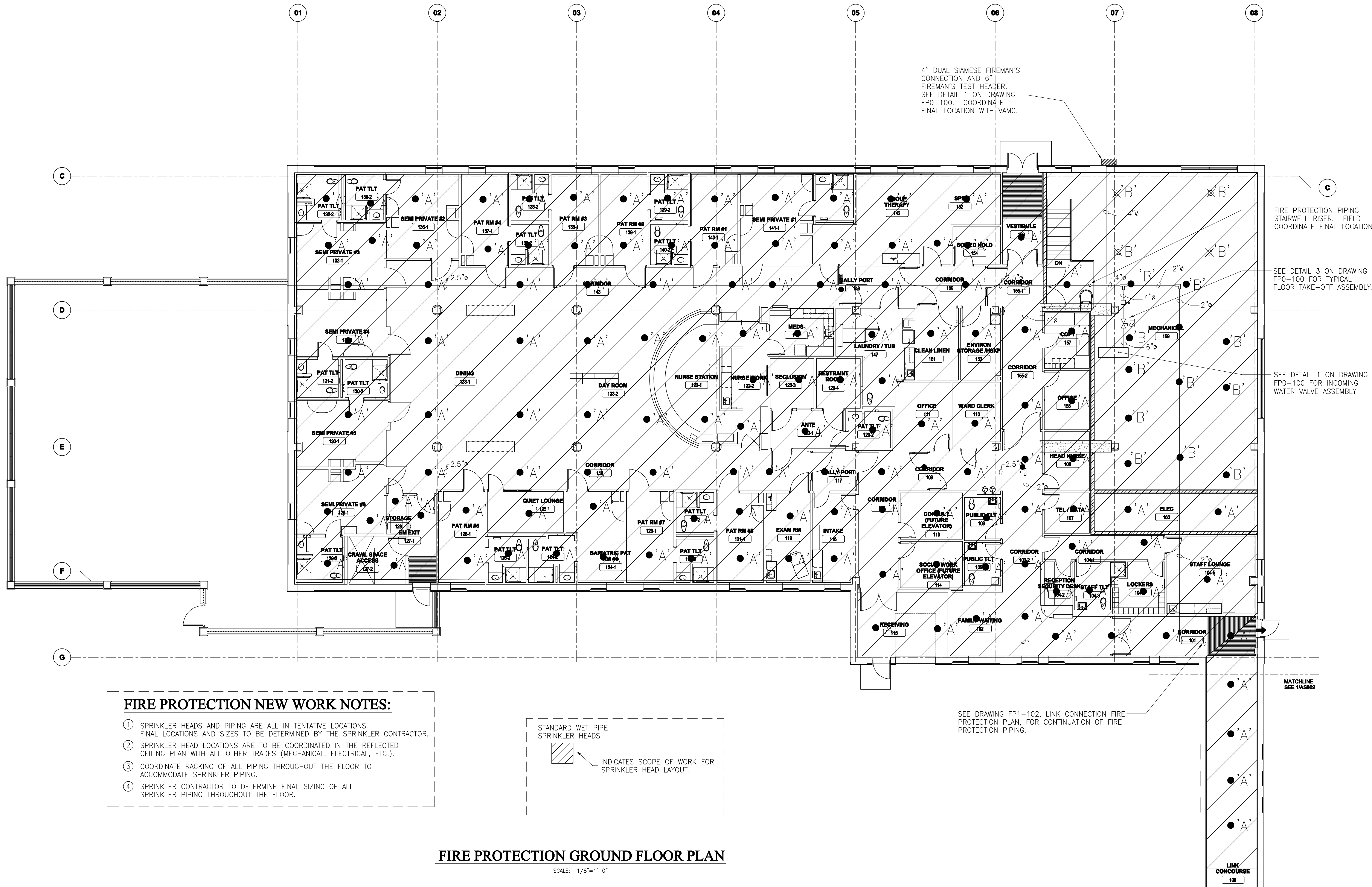
APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:
APPROVED: GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:
APPROVED: PROJECTS SECTION MANAGER	DATE:	APPROVED: CHIEF OF POLICE	DATE:
APPROVED: DIRECTOR PAB	DATE:	APPROVED: SAFETY MANAGER	DATE:

DRAWING TITLE	
CRAWL SPACE	
FIRE PROTECTION PLAN	
APPROVED: CHIEF OF STAFF	DATE
APPROVED: MEDICAL CENTER DIRECTOR	DATE

PROJECT TITLE LONG TERM/INTERMEDIATE PSYCHIATRIC UNIT			
BUILDING No 1234	CHECKED BY CHK	DRAWN DRW	
LOCATION 4801 VETERANS DRIVE, ST. CLOUD MN			

DATE	03-15-2012
PLOT SCALE	1/8"=1'-0"
PROJECT NO.	2008.01
CAD FILE	
DRAWING NO.	FP1-100





FIRE PROTECTION GROUND FLOOR PLAN

SCALE: 1/8"=1'-0"

ISSUED FOR BID	3/15/12
REVISION	DATE
No.	



RSP Architects
1220 Marshall Street NE
Minneapolis
Minnesota 55413-1036
612.877.7100
612.877.7189 fax
www.rsparch.com

NOTICE: The designs shown and described herein including all technical drawings, graphics, and models thereof, are proprietary and cannot be copied, duplicated or commercially exploited, in whole or in part, without express written permission of RSP Architects. These are available for limited review and evaluation by clients, consultants, contractors, government agencies, vendors and other personnel only in accordance with this Notice.

© Copyright RSP Architects 2012. All rights reserved.



ARRAY

healthcare facilities solutions

CONSULTANTS:

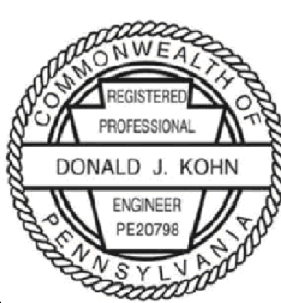
Structural
Van Sickle, Allen & Assoc.
2355 Xenium Lane N
Suite 100
Plymouth, MN 55441

Civil
EVS
10250 Valley View Road
Suite 113
Eden Prairie, MN 55344

MIP
Dunham Associates
50 South Sixth Street
Suite 1100
Minneapolis, MN 55402

Fire Protection
Gary Trivinski Associates
Engineering
94 Boston Hill
Larksville, PA 19051-3298

Landscaping
Damon Farber Assoc.
822 Nicolet Mall
Minneapolis, MN 55402



I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed Architect under the laws of the State of Minnesota.

Signature:

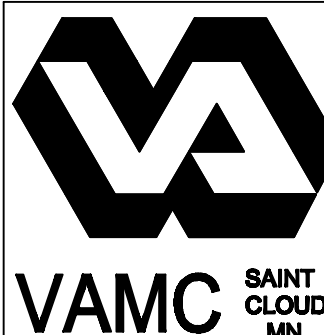
Registration No.:

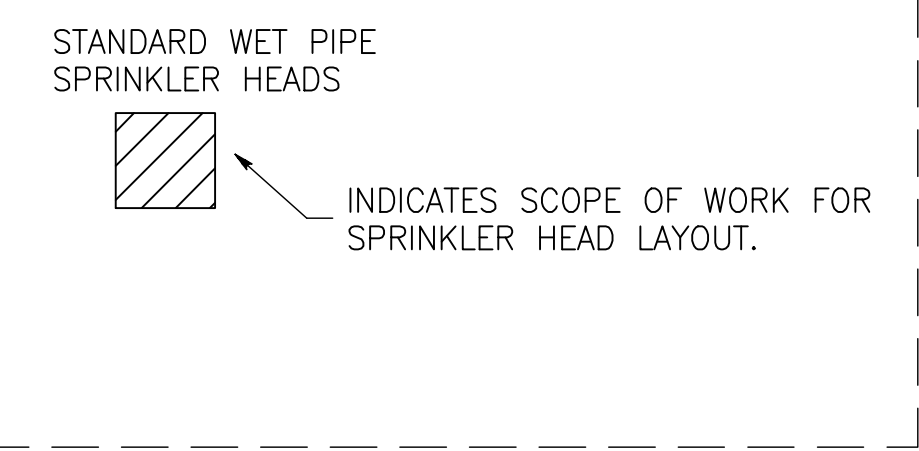
Date: 3/15/12

APPROVED SERVICE LINE DIRECTOR	DATE:	APPROVED INFECTION CONTROL NURSE	DATE:
APPROVED GEM COORDINATOR	DATE:	APPROVED PATIENT SAFETY	DATE:
APPROVED PROJECTS SECTION MANAGER	DATE:	APPROVED CHIEF OF POLICE	DATE:
APPROVED DIRECTOR PMB	DATE:	APPROVED SAFETY MANAGER	DATE:

DRAWING TITLE	DATE:
GROUND FLOOR	3/15/12
FIRE PROTECTION PLAN	
APPROVED CHIEF OF STAFF	DATE:
APPROVED MEDICAL CENTER DIRECTOR	DATE:

PROJECT TITLE	DATE:
LONG TERM/INTERMEDIATE	3/15/2012
PSYCHIATRIC UNIT	
BUILDING NO.	1234
DESIGNED BY	CHK
DRAWN	DMH
CAD FILE	
DRAWING NO.	FP1-101





- ① SPRINKLER HEADS AND PIPING ARE ALL IN TENTATIVE LOCATIONS. FINAL LOCATIONS AND SIZES TO BE DETERMINED BY THE SPRINKLER CONTRACTOR.
- ② COORDINATE RACKING OF ALL PIPING THROUGHOUT THE FLOOR TO ACCOMMODATE SPRINKLER PIPING.
- ③ SPRINKLER CONTRACTOR TO DETERMINE FINAL SIZING OF ALL SPRINKLER PIPING THROUGHOUT THE FLOOR.

SCALE: 1/8"=1'-0"

